

Translation

Appln. No.: PCT/EP2004/011304
Attorney Docket No.: 14603-022US1
Client Ref.: P2003,0796

Abstract:

In a radiation-detecting optoelectronic component with a
5 semiconductor chip (2) which chip has one or more radiation-
sensitive zones (7, 8, 9) for detection of electromagnetic radiation
(17), focusing of the electromagnetic radiation (17) occurs in the
radiation-sensitive zones (7, 8, 9) by means of a diffractive
element (1) which element is preferably integrated into the
10 semiconductor chip (2). The diffractive element (1) may be, in
particular, a zone plate.

(Fig. 1)

15

20

25